

We claim:

1. A method for in vivo sensing of a body lumen, the method comprising:
 - 5 inserting a sensing device into a subject's body lumen;
 - positioning the subject in a horizontal position; and
 - receiving data transmitted from the sensing device.
2. The method according to claim 1 comprising imaging the subject's body lumen.
3. The method according to claim 1 comprising positioning the subject on his
10 back.
4. The method according to claim 1 comprising positioning the subject on his side.
5. The method according to claim 1 comprising ingesting a saliva reducing agent prior to inserting a sensing device into a subject's body lumen.
- 15 6. The method according to claim 5 wherein the saliva reducing agent includes glycerin.
7. The method according to claim 5 wherein the saliva reducing agent includes oil.
8. The method according to claim 1 comprising substantially emptying the
20 subject's body lumen prior to inserting a sensing device into a subject's body lumen.
9. The method according to claim 1 comprising substantially filling the subject's body lumen prior to inserting a sensing device into a subject's body lumen.
- 25 10. The method according to claim 9 wherein substantially filling the subject's body lumen comprises ingesting 200 ml or above of water.

11. The method according to claim 1 wherein the subject's body lumen is in the subject's upper GI tract.
12. A method for imaging a subject's esophagus, said method comprising:
 - 5 reducing saliva in the subject;
 - swallowing an autonomous imaging device; and
 - positioning the subject in a horizontal position.
13. The method according to claim 12 comprising keeping the subject's mouth substantially open after swallowing an autonomous imaging device.
- 10 14. The method according to claim 12 comprising keeping the subject's mouth substantially open for approximately three minutes after swallowing an autonomous imaging device.
15. The method according to claim 12 wherein reducing saliva in the subject comprises ingesting a saliva reducing agent.
- 15 16. The method according to claim 15 wherein the saliva reducing agent includes glycerin.
17. The method according to claim 15 wherein the saliva reducing agent includes oil.
18. The method according to claim 15 wherein the saliva reducing agent includes water.
- 20 19. A method for imaging a subject's stomach, the method comprising:
 - inserting an imaging device into the subject's stomach;
 - positioning the subject on his back;
 - positioning the subject on his side.
- 25 20. The method according to claim 19 comprising positioning the subject in an upright sitting position.

21. The method according to claim 19 wherein positioning the subject on his side comprises positioning the subject on his left side.
22. The method according to claim 19 wherein positioning the subject on his side comprises positioning the subject in a substantially horizontal position and in an angled position.
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23. The method according to claim 19 comprising substantially emptying the subject's stomach prior to inserting the imaging device.
24. The method according to claim 19 comprising substantially filling the subject's stomach.
- 10 25. The method according to claim 19 comprising ingesting 200 ml or above of water.
26. The method according to claim 19 wherein the imaging device includes a ballast.

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